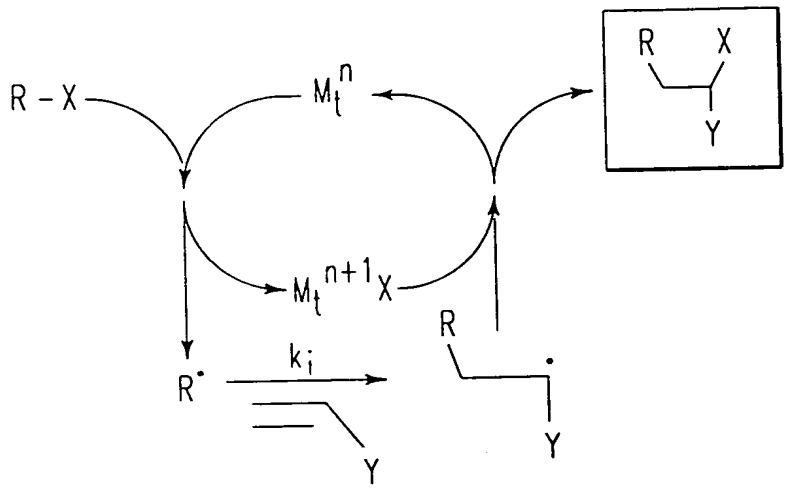

FIG. 1

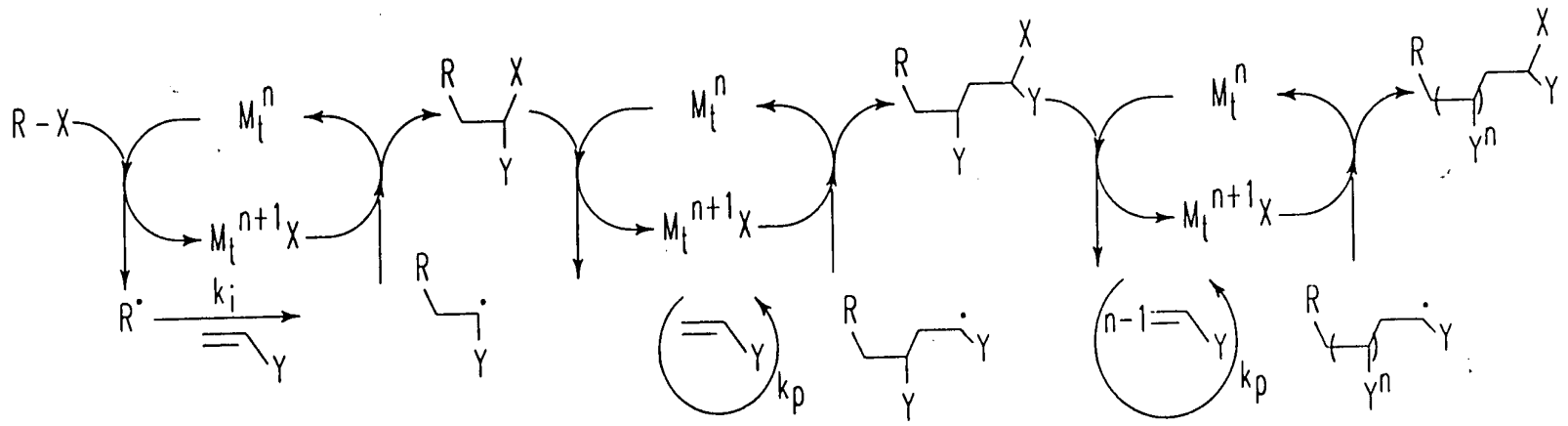

FIG. 2A

INITIATION:

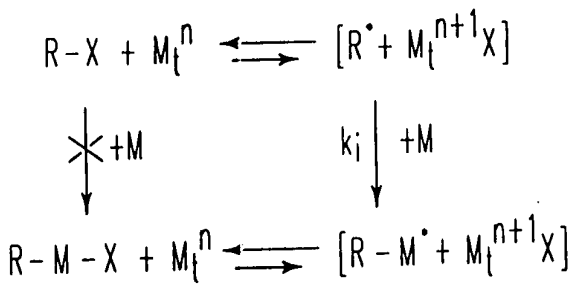

FIG. 2B

PROPAGATION:

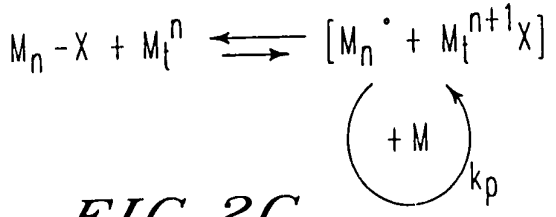

FIG. 2C

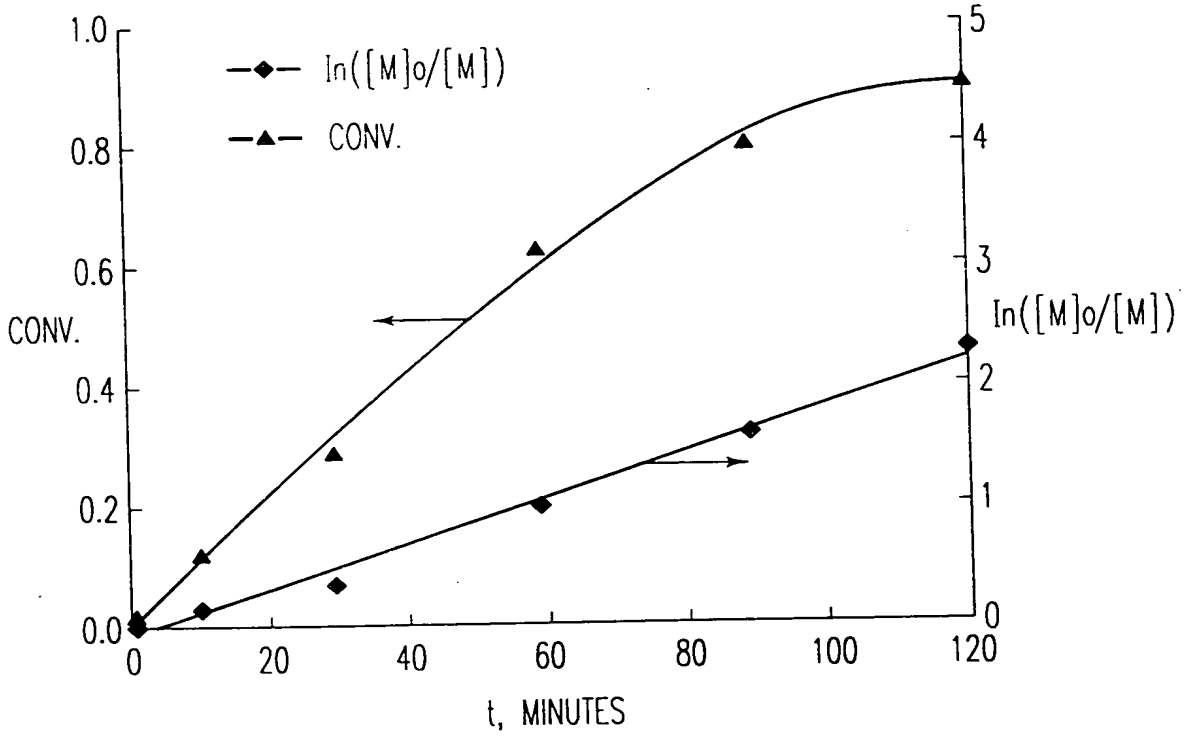
1.0
0.8
0.6
0.4
0.2
0.0
CONV.
ln([M]o/[M])
CONV.
5
4
3
2
1
0
ln([M]o/[M])
0
20
40
60
80
100
120
t, MINUTES

FIG. 3

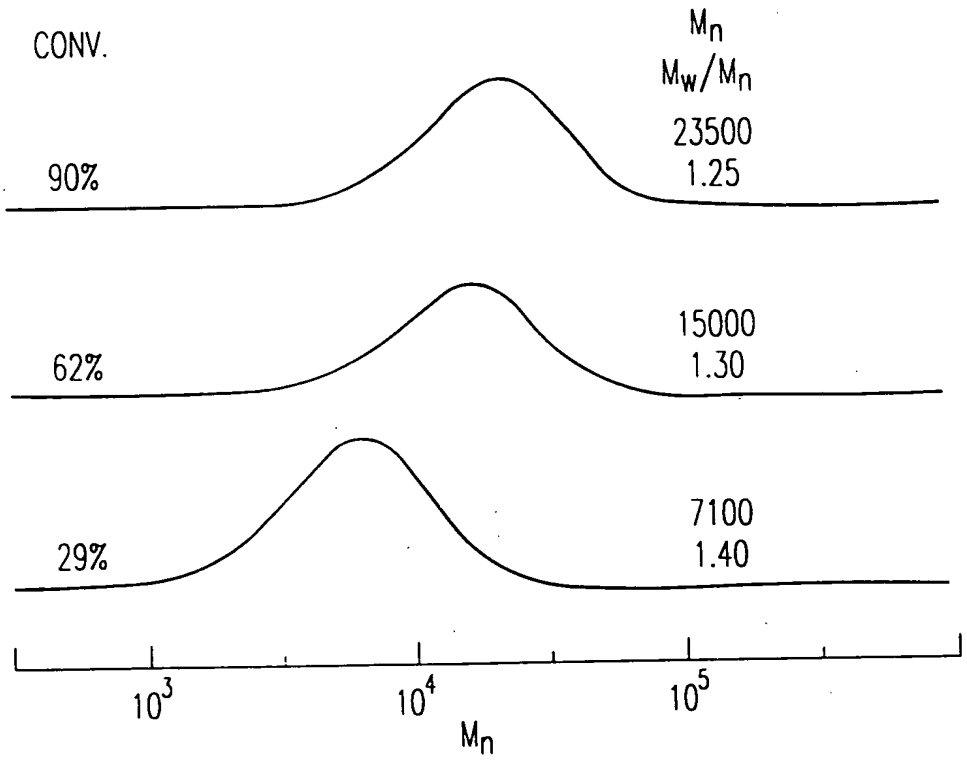
CONV.
M_n
M_w/M_n
90%
23500
1.25
62%
15000
1.30
29%
7100
1.40
10^3
10^4
10^5
M_n

FIG. 4

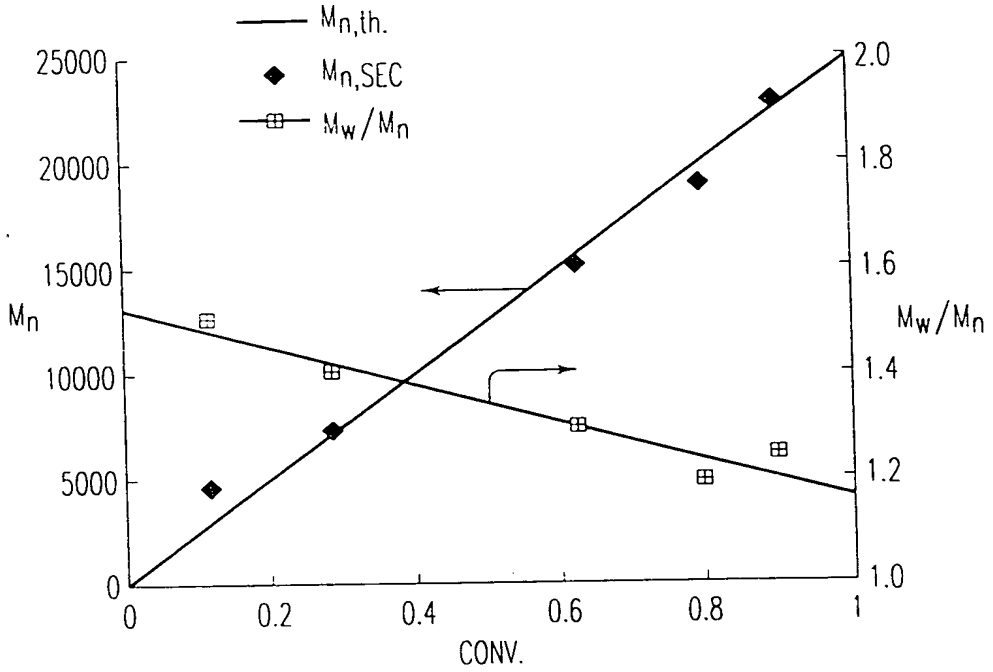
Mn,th.
Mn,SEC
Mw/Mn
25000
20000
15000
10000
5000
0
Mn
2.0
1.8
1.6
1.4
1.2
1.0
Mw/Mn
0
0.2
0.4
0.6
0.8
1
CONV.

FIG. 5

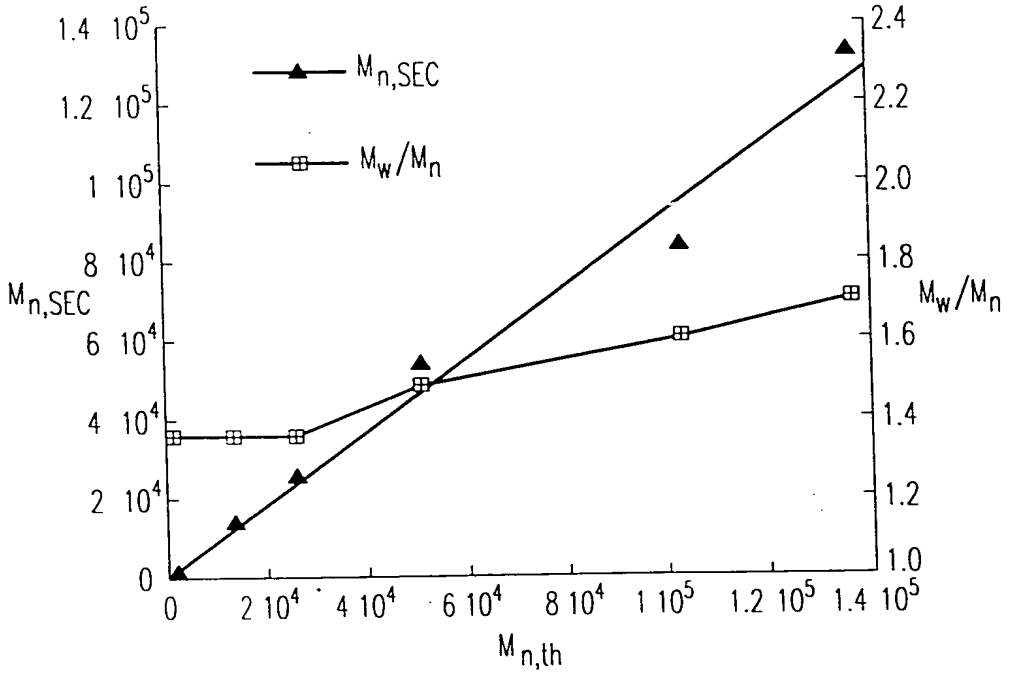
Mn,SEC
Mw/Mn
1.4 10^5
1.2 10^5
1 10^5
8 10^4
6 10^4
4 10^4
2 10^4
0
Mn,SEC
2.4
2.2
2.0
1.8
1.6
1.4
1.2
1.0
Mw/Mn
0
2 10^4
4 10^4
6 10^4
8 10^4
1 10^5
1.2 10^5
1.4 10^5
Mn,th

FIG. 6

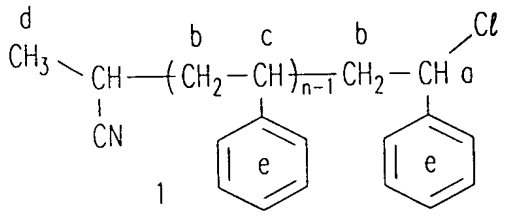
d
CH3
CH
CN
b
c
CH2
CH
n-1
b
CH2
Cl
CH
a
e
e
1

FIG. 7A

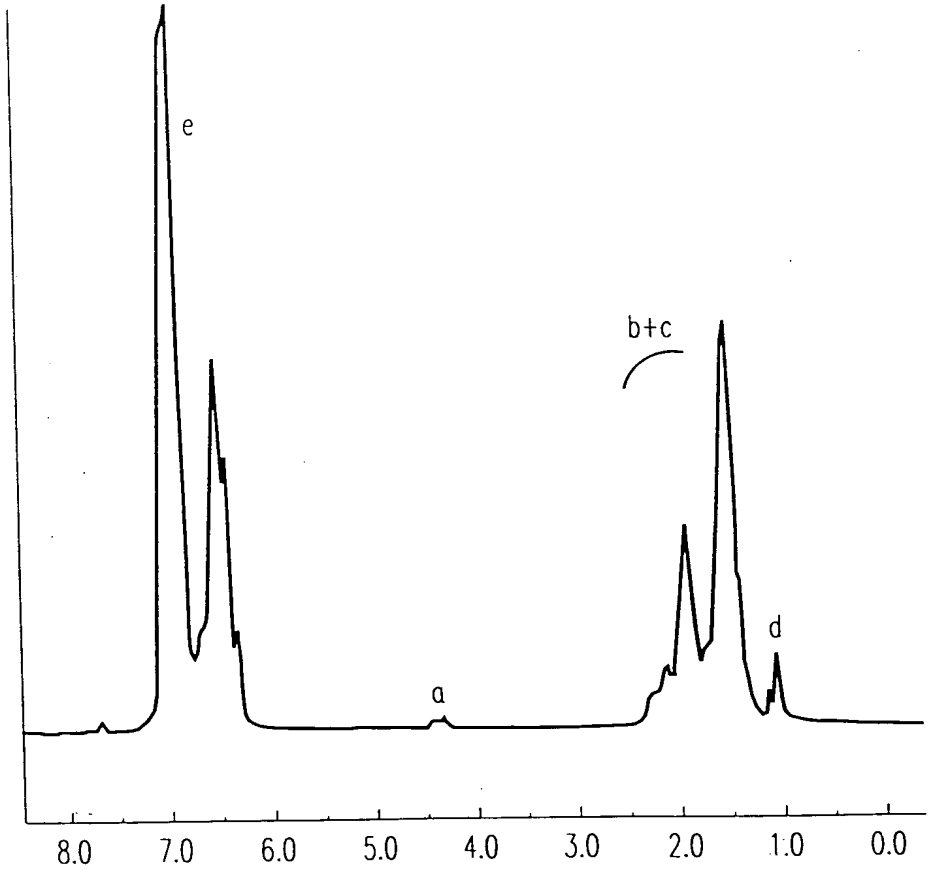
e
b+c
d
a
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0

FIG. 7B

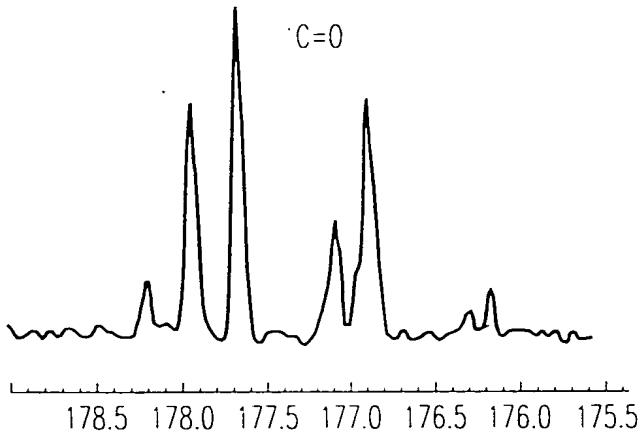

FIG. 8A

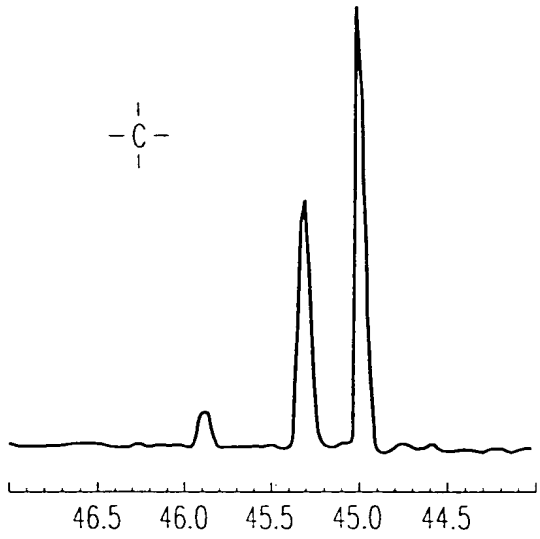

FIG. 8A'

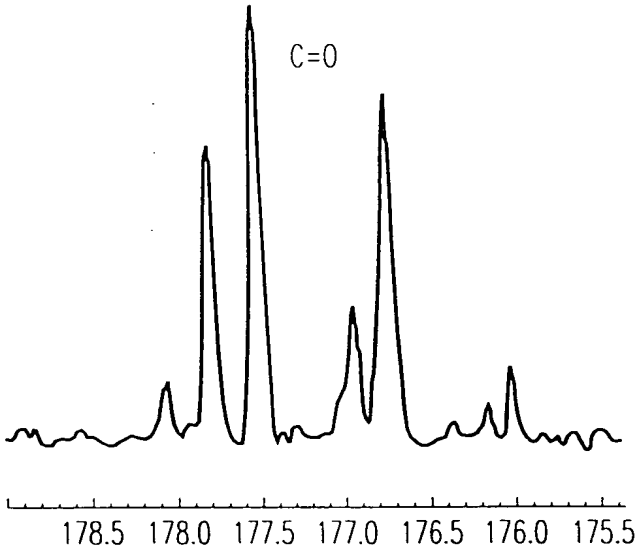

FIG. 8B

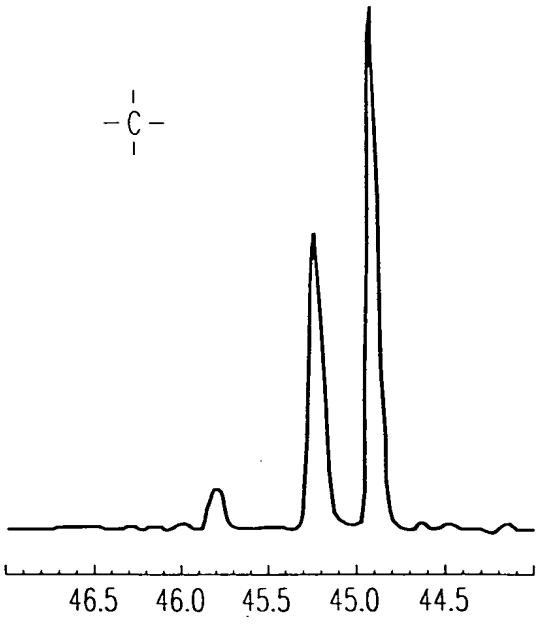

FIG. 8B'

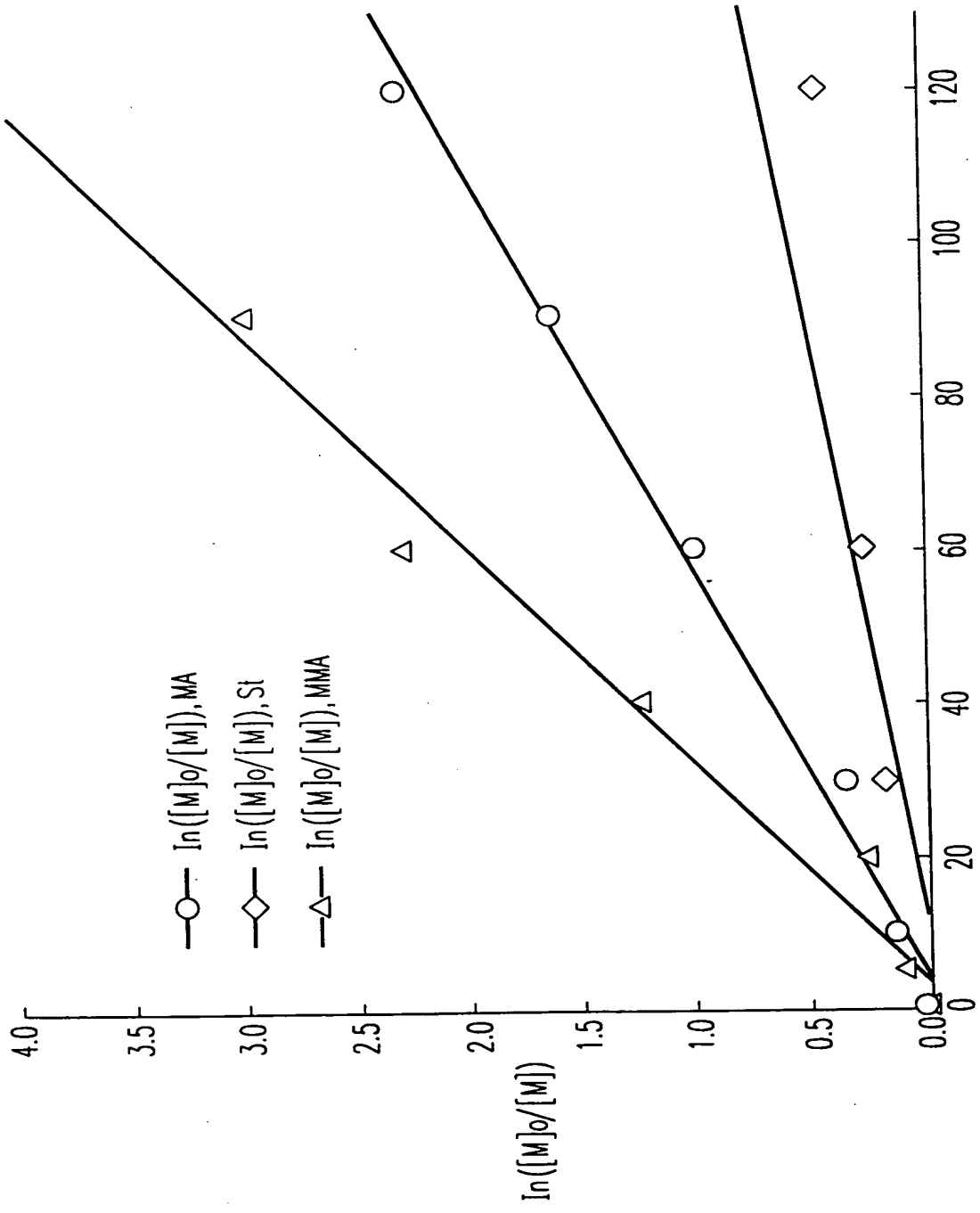
ln([M]o/[M]), MA
ln([M]o/[M]), St
ln([M]o/[M]), MMA
ln([M]o/[M])
t, MINUTES
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
0
20
40
60
80
100
120

FIG. 9

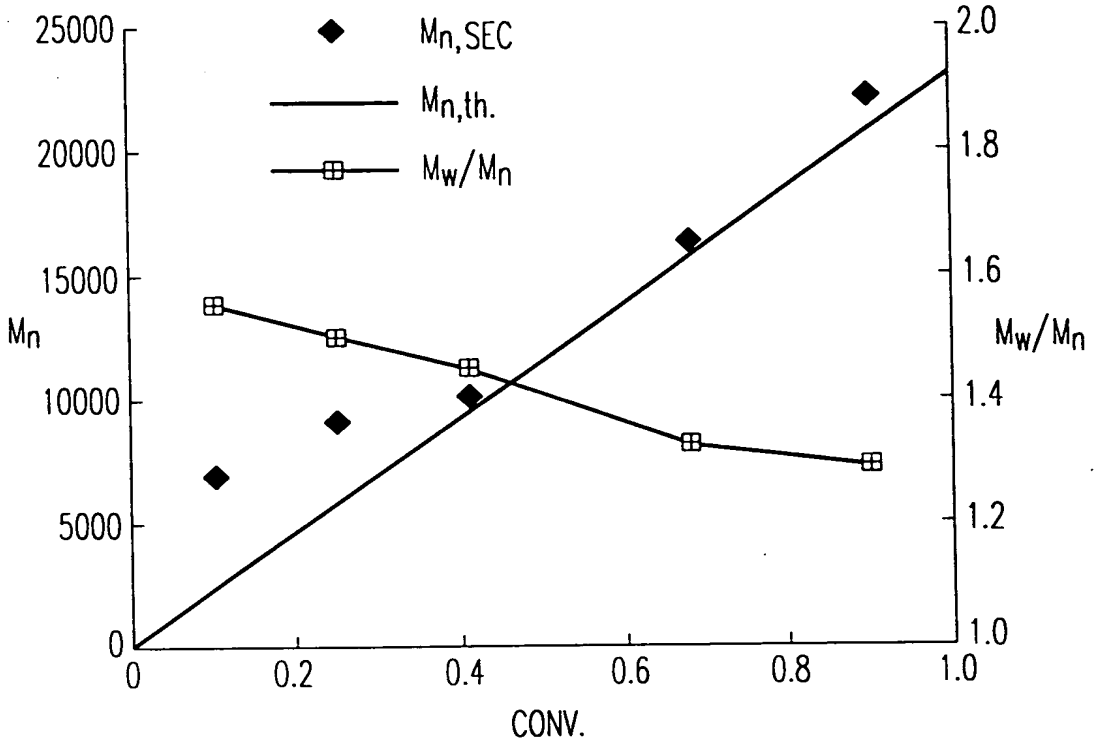
Mn,SEC
Mn,th.
Mw/Mn
Mn
Mw/Mn
CONV.
25000
20000
15000
10000
5000
0
2.0
1.8
1.6
1.4
1.2
1.0
0
0.2
0.4
0.6
0.8
1.0

FIG. 10

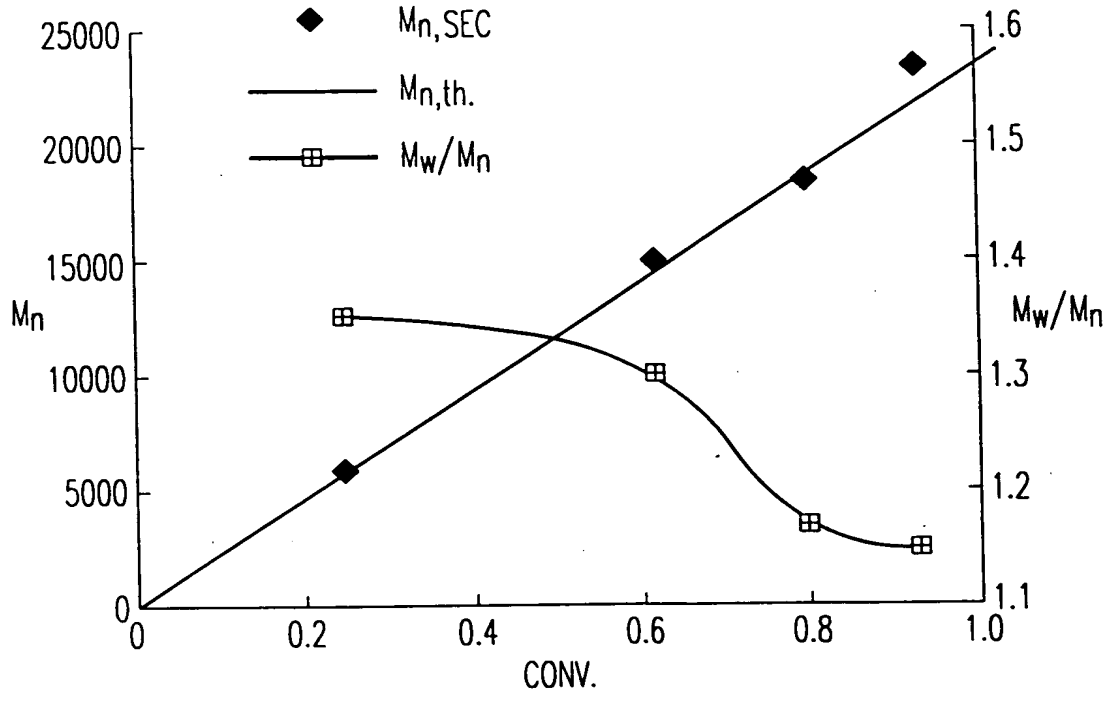
Mn,SEC
Mn,th.
Mw/Mn
Mn
Mw/Mn
CONV.
25000
20000
15000
10000
5000
0
1.6
1.5
1.4
1.3
1.2
1.1
0
0.2
0.4
0.6
0.8
1.0

FIG. 11

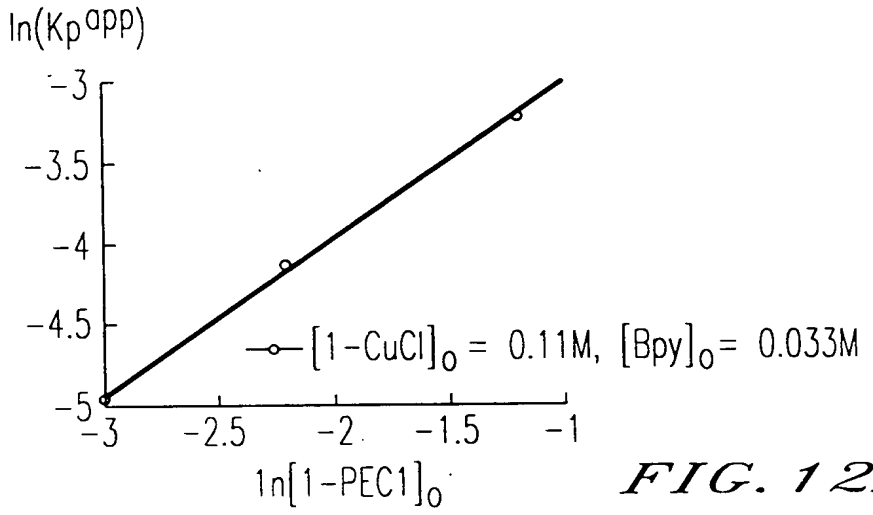

FIG. 12A

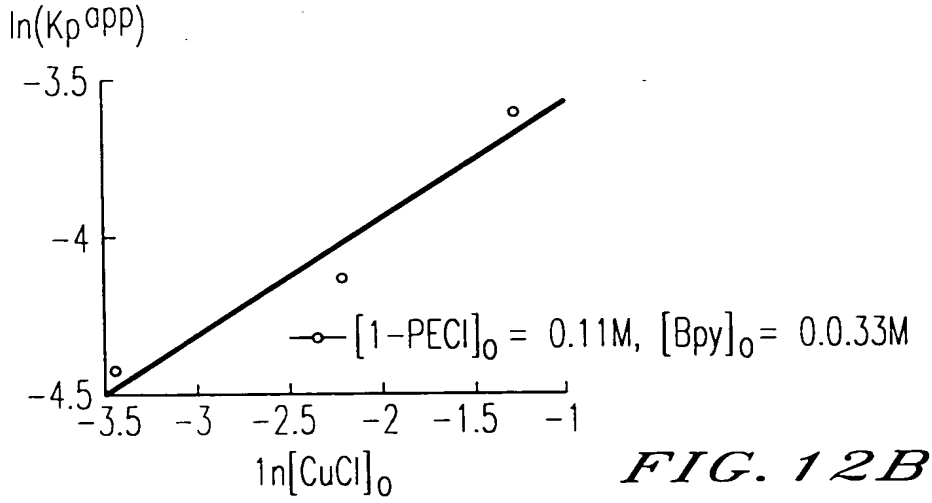

FIG. 12B

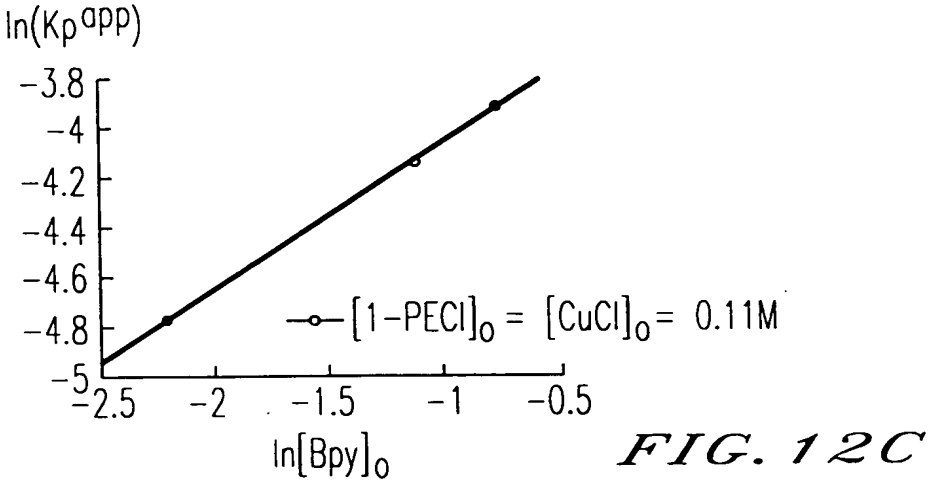

FIG. 12C

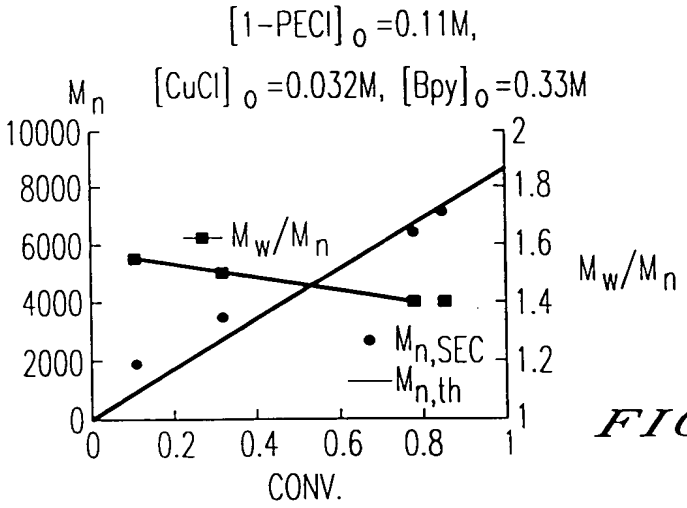

FIG. 13A

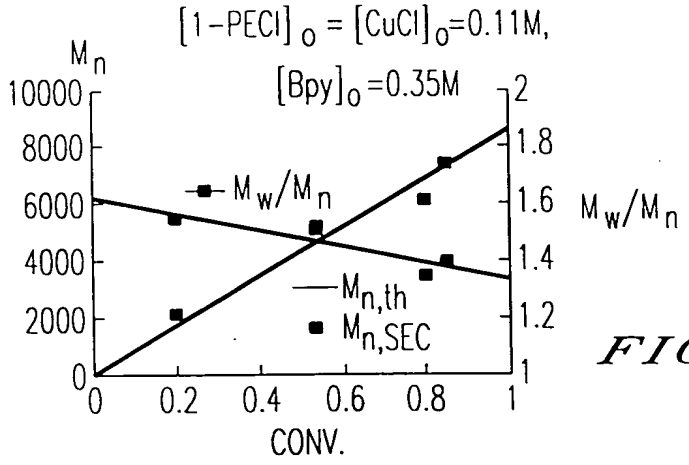

FIG. 13B

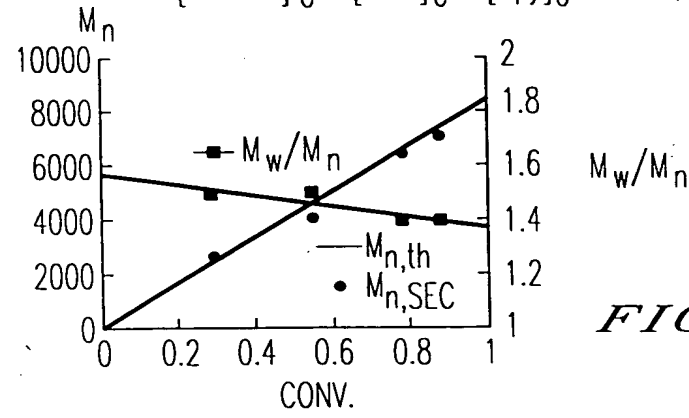

FIG. 13C

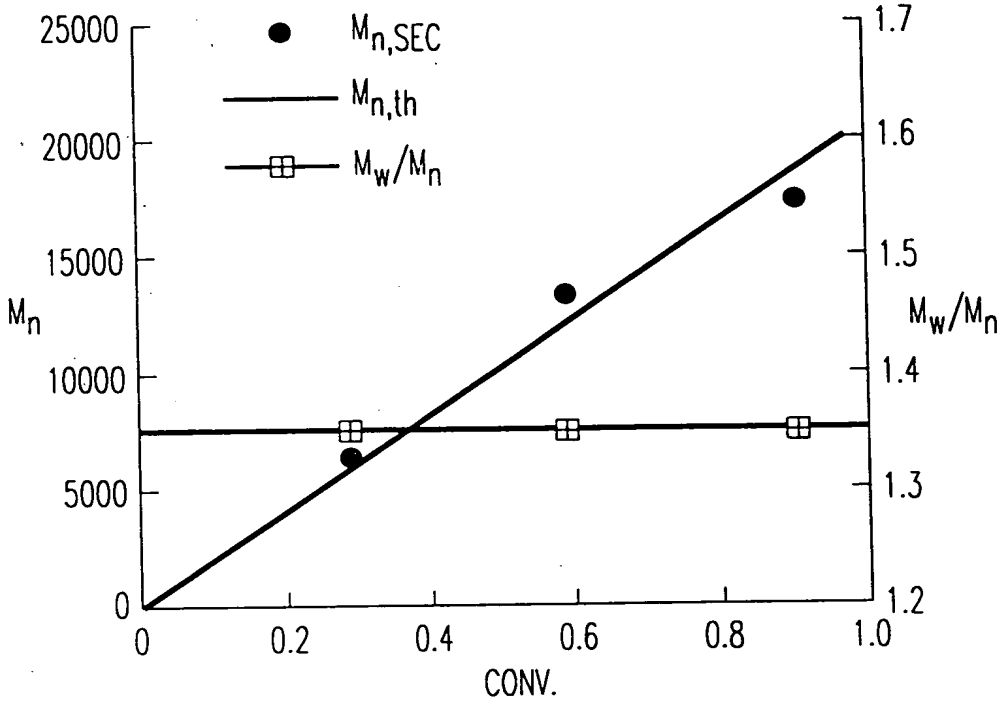

FIG. 14A

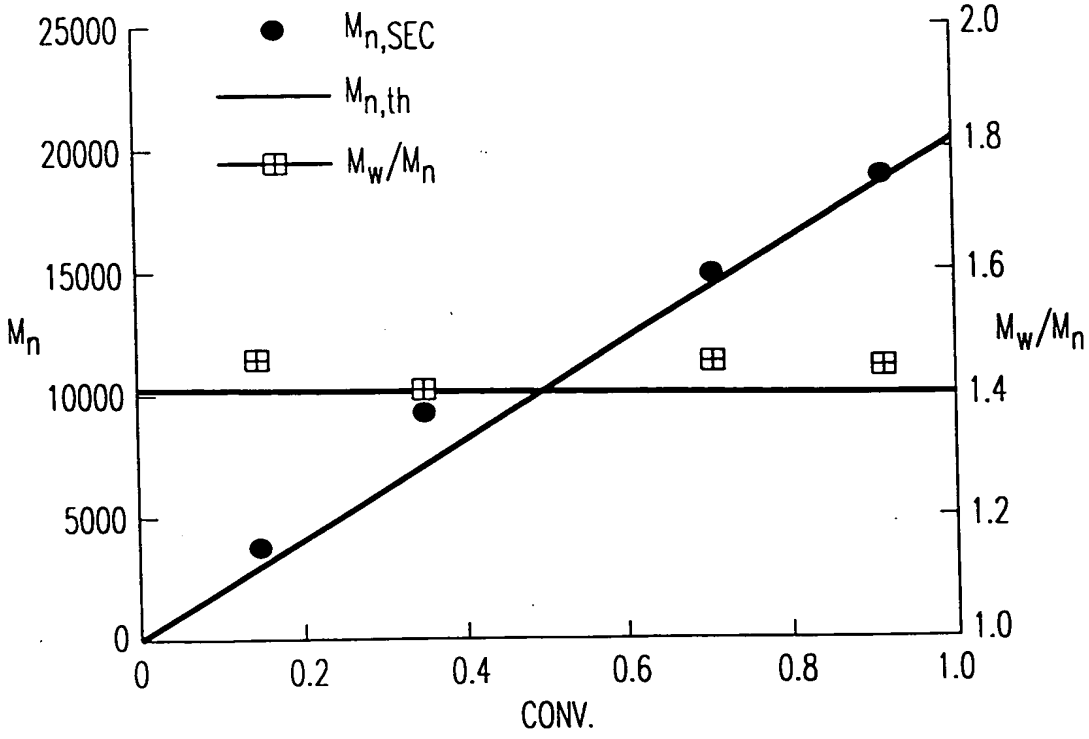

FIG. 14B

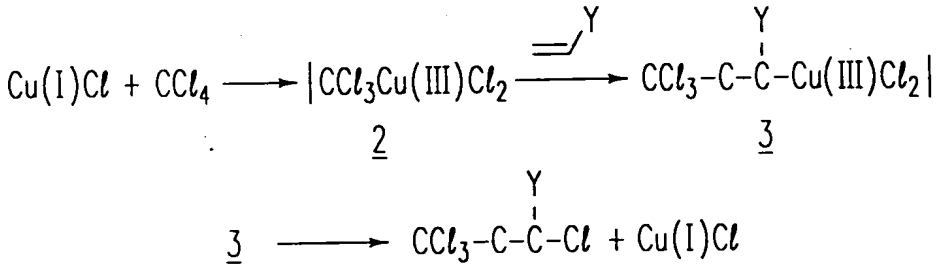

FIG. 15

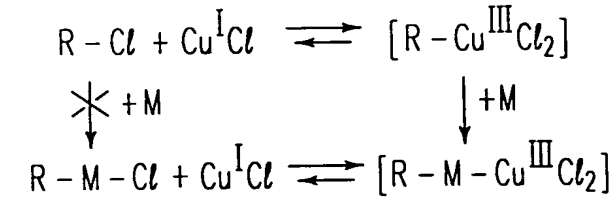

FIG. 16A

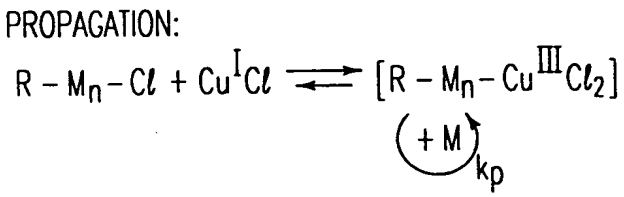

FIG. 16B

INITIATION:

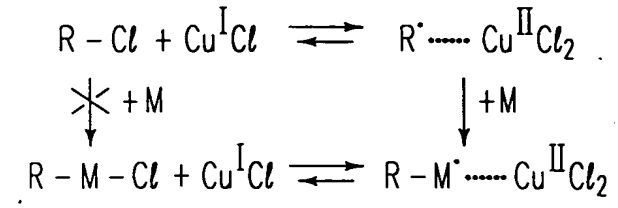

FIG. 17A

PROPAGATION:

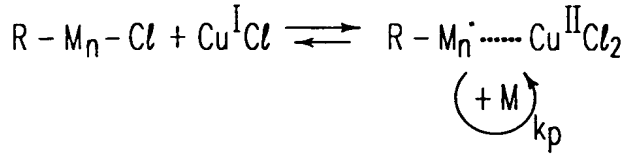

FIG. 17B

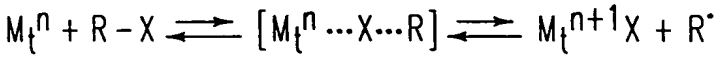

FIG. 18A

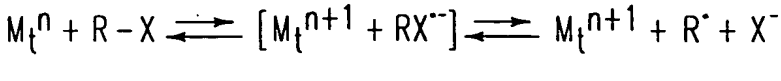

FIG. 18B